



DAVID Y. IGE  
GOVERNOR

LUIS P. SALAVERIA  
DIRECTOR

MARY ALICE EVANS  
DEPUTY DIRECTOR

## DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804  
Web site: [www.hawaii.gov/dbedt](http://www.hawaii.gov/dbedt)

Telephone: (808) 586-2355  
Fax: (808) 586-2377

Statement of  
**LUIS P. SALAVERIA**  
**Director**

Department of Business, Economic Development, and Tourism  
before the

**HOUSE COMMITTEE ON FINANCE**

Friday, February 27, 2015  
11:00 a.m.

State Capitol, Conference Room 308

in consideration of  
**HB 1509, HD2**  
**RELATING TO ENERGY.**

Chair Luke, Vice Chair Nishimoto, and Members of the Committee.

The Department of Business, Economic Development & Tourism (DBEDT) offers testimony in support of HB 1509, HD2, which establishes a University of Hawaii (UH) collective goal of becoming Net-Zero with respect to energy use by 2035, and establishes a Special Fund for the purpose. It further appropriates from the Special Fund monies for capital improvement projects and supporting staff to fulfill the goal.

DBEDT supports this legislation as it is consistent with the State's overall clean energy objectives. The Department is also supportive of partially financing the upgrades toward the achievement of UH's Net Zero objectives through matching funds, such as from the Green Infrastructure Loan Program (GEMS Program), where appropriate and within GEMS Program parameters. The GEMS Program has a responsibility to utilize GEMS Program funds prudently and efficiently in order to create a self-sufficient financing program. The GEMS Program must reserve the right to both be flexible in the allocation of funds and use discretion when evaluating distribution of the funds, in order to quickly distribute money that supports economically viable projects while ensuring portfolio diversification and offsetting risk. Therefore, DBEDT appreciates the language in

the measure that allows the GEMS Program to continue to take a market-based approach to approving financing for projects.

DBEDT encourages UH to discuss business plans for energy upgrades with the staff of the Hawaii Green Infrastructure Authority and the Hawaii State Energy Office in order to determine the most appropriate and economical use of GEMS funds. DBEDT defers to the University of Hawaii on the implementation of this measure.

Thank you for the opportunity to offer this testimony in support of HB 1509, HD2.



Friday, February 27, 2015

Relating to House Bill 1509, House Draft 2  
Testifying in Support

Aloha, Chair Like, Vice Chair Nishimoto, and Members of the House Committee on Finance,

The Democratic Party of Hawaii **supports HB1509 HD2 Relating to Energy**, which requires the University of Hawaii to establish a collective goal of becoming net-zero with respect to energy use by January 1, 2035, establishes the University of Hawaii Net-Zero Special Fund, and appropriates funds for capital improvement projects and for staff.

The University of Hawaii has long been burdened with high energy costs and delays in essential maintenance. This bill provides appropriations from the General Fund to alleviate some of the maintenance demands while also promoting Hawaii renewable energy goals.

Establishing a sustainable fund to satisfy maintenance demands and renewable energy retrofits will benefit the university and the state for years to come. This model, when successful, can be looked to as a template for maintenance and retrofitting of public facilities across the islands.

Sustainability for Hawaii is a strongly held view of the Democratic Party of Hawaii – agriculture, environmental resources, and energy production and consumption being among the most critical. HB1509 HD2 creates a model for the state to achieve its energy sustainability goals.

For these reasons we ask that you pass this bill out of your committee.

Thank you for this opportunity to testify,  
The Legislation Committee of the Democratic Party of Hawaii

**finance8-Melanie**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Wednesday, February 25, 2015 12:54 PM  
**To:** FINTestimony  
**Cc:** rachelfg@hawaii.edu  
**Subject:** \*Submitted testimony for HB1509 on Feb 27, 2015 11:00AM\*

**HB1509**

Submitted on: 2/25/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Rachel Gonzalez	Individual	Support	No

**Comments:**

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**finance8-Melanie**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Wednesday, February 25, 2015 3:18 PM  
**To:** FINTestimony  
**Cc:** mtigch@hawaii.edu  
**Subject:** \*Submitted testimony for HB1509 on Feb 27, 2015 11:00AM\*

**HB1509**

Submitted on: 2/25/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Michelle Tigchelaar	Individual	Support	No

**Comments:**

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**finance8-Melanie**

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Wednesday, February 25, 2015 12:43 PM  
**To:** FINTestimony  
**Cc:** bjtcjtsoup@aol.com  
**Subject:** \*Submitted testimony for HB1509 on Feb 27, 2015 11:00AM\*

**HB1509**

Submitted on: 2/25/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Bobby-John Campbell	Individual	Support	No

**Comments:**

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# **UNIVERSITY OF HAWAII SYSTEM**

## **Legislative Testimony**

Testimony Presented Before the  
House Committee on Finance  
February 27, 2015 at 11:00 a.m.

by

Stephen Meder  
Interim Assistant Vice Chancellor for Planning and Facilities  
University of Hawai'i, Manoa

**LATE**

HB 1509 Proposed HD 2 – RELATING TO ENERGY

**Chair Luke, Vice Chair Nishimoto, and Members of the Committee:**

The University of Hawai'i strongly supports HB 1509 Proposed HD2 with the changes noted below because it seeks to establish a special fund to support both net-zero energy efficiency projects and deferred maintenance projects throughout the University system, and because HB 1509 HD2 provides needed general fund capital to partly address some of the deferred maintenance projects on our campuses.

Suggested Changes: Section 7.(1), (A): delete the entirety of this section regarding Kuykendall Hall; and Section 7.(1), (B) to read: \$\_\_\_ for plans, design, construction, and equipment for the retrofit of Klum gym, with new athletics-support functions and for other campus small energy efficiency projects with high return on investment; provided that \$\_\_\_ of this sum shall be funded through financing mechanisms in section 304A-B(b) (3), Hawaii Revised Statutes.

The University appreciates that this bill appropriates an initial amount of general funds and authorizes the University to secure third-party financing to design and construct specific deferred maintenance projects that have energy efficiency and renewable energy opportunities at its Manoa and Hilo campuses and that any energy savings associated with these projects gets deposited into the net-zero special fund, to support energy efficiency projects and pay the debt service. The bill specifically provides that any debt service incurred by the University for these projects shall not exceed the projected energy savings. Management and accountability for the revenues and expenditures of this fund will be reported annually.

Finally, from a technical standpoint, we will need to ensure that the creation of a special fund will meet the self-sustaining criteria as defined in Hawai'i Revised Statutes, Section 37-52.3(4). We are confident that the energy fund concept is viable when addressing stand-alone energy projects. The University has not yet been able to establish that this financial approach ensures that the fund will be self-sustaining over time.

In closing, the University supports the purpose and intent of HB 1509 Proposed HD2. We look forward to working out the details of the financing model and any related project figures with the committee.

**LATE**

From: mailinglist@capitol.hawaii.gov  
Sent: Friday, February 27, 2015 11:53 AM  
To: FINTestimony  
Cc: scoleman@surfrider.org  
Subject: \*Submitted testimony for HB1509 on Feb 27, 2015 11:00AM\*

**HB1509**

Submitted on: 2/27/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Stuart Coleman	Surfrider Foundation	Support	No

Comments:

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Name: *Brent Clifford*  
Organization: *UH Mānoa College*  
Address:  
Phone:  
Email: *brentac@hawaii.edu*

**LATE**

2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**

Dear Honorable Committee Chair Representative Luke and Committee Members,

Thank you for allowing me the opportunity to testify in support of HB 1509. Hawaii has the potential to be a global leader in the energy field. With your leadership and support on HB 1509, and related legislation for creative energy-saving financing mechanisms, the University and state can achieve the ambitious policy benchmarks and standards in place for a clean energy future.

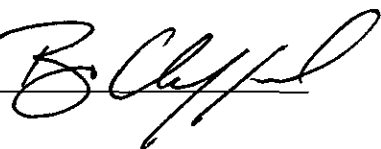
As a student at the University of Hawaii at Mānoa (UHM) and a concerned citizen of Hawaii, I encourage you to support HB 1509 for the following reasons:

1. This bill will directly reduce the misappropriation of student tuition toward covering the \$34,900,00 electricity bill. It is unfortunate that .28 of every tuition dollar is currently carried on the backs of students at UHM. The rising cost of tuition is making it harder for my colleagues to avoid taking student loans, and accrue interest from said loans. Noting this reality, paying a portion of the system's electricity bill should not be an additional expense to incur. As the Committee on Finance, it is recommended that you look toward solutions that create burden less opportunities for students of the UH system to selflessly give back to this state. HB 1509 provides the financing structure to support those solutions.
2. The UH system stands at a point and time where your support is needed to provide diverse opportunities to sustain action related to energy saving programs. HB 1509 will allow for your support to be sustained far after you pass this bill. This creative financing mechanism will help reduce the campus's deferred maintenance, invest in renewable energy, and capture savings from the low hanging fruit that will generate thousands of dollars in savings over short payback periods.
3. In the larger context, HB 1509 allows for two key parts of our community, the University of Hawaii and the Hawaii State Legislature to trust each other – a key function of every successful community. HB 1509 allows for the accountability needed to build a foundation of trust between two institutions with rooted history.

As a student, I urge you to see HB 1509 as a opportunity to address one of the most important issues of our time. Thank you for your consideration of this opinion.

Sincerely,

Signature



Name: Cassandra Tengan  
Organization: School of Communications  
Address:  
Phone:  
Email: tenganca@hawaii.edu

2/25/15

**LATE**

**Re: HB 1509; Relating to Energy**

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As a student, I urge you to see HB 1509 as a opportunity to address one of the most important issues of our time. Thank you for your consideration of this opinion.

Sincerely,

Signature



Name: Brian Dawson  
Organization: Oceanic Orthography . com  
Address:  
Phone:  
Email: brianpd@hawaii . com

**LATE**

2/25/15

**Re: HB 1509; Relating to Energy**

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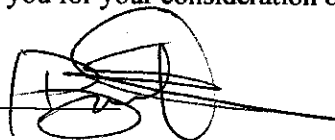
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As a student, I urge you to see HB 1509 as a opportunity to address one of the most important issues of our time. Thank you for your consideration of this opinion.

Sincerely,

Brian Dawson  
Signature



finance1-Kim

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From: mailinglist@capitol.hawaii.gov  
Sent: Friday, February 27, 2015 8:02 AM  
To: FINTestimony  
Cc: carl.campagna@kamakagreen.com  
Subject: \*Submitted testimony for HB1509 on Feb 27, 2015 11:00AM\*

**HB1509**

Submitted on: 2/27/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Carl Campagna	Individual	Support	No

Comments:

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WRITTEN ONLY

TESTIMONY BY WESLEY K. MACHIDA  
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE  
STATE OF HAWAII  
TO THE HOUSE COMMITTEE ON FINANCE  
ON  
HOUSE BILL NO. 1509, H.D. 2

February 27, 2015

**LATE**

RELATING TO ENERGY

House Bill No. 1509, H.D. 2, requires the University of Hawaii (UH) to establish a goal of becoming net-zero regarding energy use by January 1, 2035. It is the intent of the bill to maximize tax payer savings by reducing energy use at UH. The bill creates the UH Net-Zero Special Fund that would generate revenues through legislative appropriations, energy consumption savings, and other sources. The special fund would be used for net-zero related capital improvements program projects and in conjunction with approved financing mechanisms. The bill appropriates unspecified sums of general funds for FY 16 and FY 17 for deposit into the special fund and an unspecified sum of special funds for FY 16 for energy retrofit projects at UH Manoa and UH Hilo. The bill authorizes the issuance of general obligation bonds from the Director of Finance for net-zero related projects, and provides an unspecified appropriation for this purpose for FY 16. The bill also appropriates unspecified sums of general funds for FY 16 and FY 17 to pay for two positions to provide financial and technical support for UH's net-zero efforts.

While the Department of Budget and Finance understands the importance of becoming energy efficient, as a matter of general policy, the department does not support the creation of special funds which do not meet the requirements of

Section 37-52.3, HRS. Special funds should: 1) serve a need as demonstrated by the purpose, scope of work and an explanation why the program cannot be implemented successfully under the general fund appropriation process; 2) reflect a clear nexus between the benefits sought and charges made upon the users or beneficiaries or a clear link between the program and the sources of revenue; 3) provide an appropriate means of financing for the program or activity; and 4) demonstrate the capacity to be financially self-sustaining. In regards to this bill, it is difficult to determine whether the proposed special fund will be self-sustaining.

From: mailinglist@capitol.hawaii.gov  
Sent: Thursday, February 26, 2015 5:38 PM  
To: FINTestimony  
Cc: camaronm@hawaii.edu  
Subject: Submitted testimony for HB1509 on Feb 27, 2015 11:00AM

**LATE**

**HB1509**

Submitted on: 2/26/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Camaron Miyamoto	LGBT Student Services, UH Manoa	Support	Yes

Comments: I am writing to support the vision of a net zero campus that I believe is both economically responsible and environmentally sound. In particular, I support the appropriation of savings to scholarships and means to benefit students. Mahalo

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Name: Anthony Primer  
Organization: Sustainable UH  
Address: 2500 Campus Road, Honolulu, HI 96822  
Phone: (925) 963-3868  
Email: aprimer@hawaii.edu



**LATE**

2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**

Dear Honorable Committee Chair Representative Luke and Committee Members,

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As a student, I urge you to see HB 1509 as a opportunity to address one of the most important issues of our time. Thank you for your consideration of this opinion.

Sincerely,  
Anthony Primer



Name: Doorae Shin  
Organization: Sustainable UH  
Address: 2500 Campus Road, Honolulu, HI 96822  
Phone: (808) 492-3954  
Email: doorae@hawaii.edu



**LATE**

2/25/15

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Sincerely,  
Doorae Shin

Name: Kristen Jamieson  
Organization: Sustainable UH  
Address: 2500 Campus Road, Honolulu, HI 96822  
Phone: (425) 495-6241  
Email: kejamie@hawaii.edu



**LATE**

2/25/15

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**Position: SUPPORT**

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Sincerely,  
Kristen Jamieson



House Committee on Finance  
Friday, February 27, 2015  
11:00 a.m.

**LATE**

**HB 1509, HD2, Relating to Energy.**

Dear Chairperson Luke and Committee Members:

The University of Hawaii Professional Assembly enthusiastically supports passage of this bill as a creative way to address energy needs of the University of Hawaii and the renovation of its deteriorating buildings and infrastructures. This has never been a greater win-win situation for the University for its cause and independence.

Respectively submitted,

A handwritten signature in black ink, reading "Kristeen Hanselman".

Kristeen Hanselman  
Associate Executive Director

UNIVERSITY OF HAWAII  
PROFESSIONAL ASSEMBLY

1017 Palm Drive • Honolulu, Hawaii 96814-1928  
Telephone: (808) 593-2157 • Facsimile: (808) 593-2160  
Web Page: <http://www.uhpa.org>

Kristen Jamieson  
Sustainable UH | Student Sustainability Coalition of Hawaii  
803 Coolidge St, Apt. A, Honolulu, HI 96826  
425-495-6241  
kejamie@hawaii.edu

2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**

Dear Honorable Committee Chair Representative Luke and Committee Members,

I extend to you my gratitude for hearing this testimony in support of HB 1509. Hawaii has the potential to be a global leader in the energy field. With your leadership and support on HB 1509, and related legislation for creative energy-saving financing mechanisms, the University and state can achieve the ambitious policy benchmarks and standards in place for a clean energy future outlined in the Aloha Plus Challenge and University System Executive Sustainability Policy.

As a student at the University of Hawaii at Mānoa (UHM) and a concerned citizen of Hawaii, I encourage you to support HB 1509 for the following reasons:

1. This bill will directly reduce the misappropriation of student tuition toward covering the \$34,900,00 electricity bill. It is unfortunate that 28% of every tuition dollar is currently carried on the backs of students at UHM to pay for utilities. The rising cost of tuition is already a tough burden for students to bear and this allows us to make tangible impact on making higher education more affordable and available to people from all economic standings. As the Committee on Finance, it is recommended that you look toward solutions that create more opportunities for students of the UH system by putting fewer educational dollars towards energy costs. HB 1509 provides the financing structure to support those solutions.
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Sincerely,  
Kristen Jamieson  
Sustainable UH | Student Sustainability Coalition of Hawaii



**LATE**

From: mailinglist@capitol.hawaii.gov  
 Sent: Thursday, February 26, 2015 10:38 PM  
 To: FINTestimony  
 Cc: jsuguita@hawaii.edu  
 Subject: Submitted testimony for HB1509 on Feb 27, 2015 11:00AM

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Submitted By	Organization	Testifier Position	Present at Hearing
Sugki J. Suguitan	Individual	Support	No

Comments: Name: Sugki J. Suguitan Organization: Sustainable UH Manoa Address: 21st ave Honolulu, HI 96816 Email: jsuguita@hawaii.edu 2/25/15 Re: HB 1509; Relating to Energy Position: SUPPORT Dear Honorable Committee Chair Representative Luke and Committee Members, Thank you for allowing me the opportunity to testify in support of HB 1509. Hawaii has the potential to be a global leader in the energy field. With your leadership and support on HB 1509, and related legislation for creative energy-saving financing mechanisms, the University and state can achieve the ambitious policy benchmarks and standards in place for a clean energy future. As a student at the University of Hawaii at Mānoa (UHM) and a concerned citizen of Hawaii, I encourage you to support HB 1509 for the following reasons: 1. This bill will directly reduce the misappropriation of student tuition toward covering the \$34,900,00 electricity bill. It is unfortunate that .28 of every tuition dollar is currently carried on the backs of students at UHM. The rising cost of tuition is making it harder for my colleagues to avoid taking student loans, and accrue interest from said loans. Noting this reality, paying a portion of the system's electricity bill should not be an additional expense to incur. As the Committee on Finance, it is recommended that you look toward solutions that create burden less opportunities for students of the UH system to selflessly give back to this state. HB 1509 provides the financing structure to support those solutions. 2. The UH system stands at a point and time where your support is needed to provide diverse opportunities to sustain action related to energy saving programs. HB 1509 will allow for your support to be sustained far after you pass this bill. This creative financing mechanism will help reduce the campus's deferred maintenance, invest in renewable energy, and capture savings from the low hanging fruit that will generate thousands of dollars in savings over short payback periods. 3. In the larger context, HB 1509 allows for two key parts of our community, the University of Hawaii and the Hawaii State Legislature to trust each other – a key function of every successful community. HB 1509 allows for the accountability needed to build a foundation of trust between two institutions with rooted history. As a student, I urge you to see HB 1509 as a opportunity to address one of the most important issues of our time. Thank you for your consideration of this opinion. Sincerely, Sugki J. Suguitan

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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From: mailinglist@capitol.hawaii.gov  
Sent: Thursday, February 26, 2015 9:29 PM  
To: FINTestimony  
Cc: antolinid@gmail.com  
Subject: Submitted testimony for HB1509 on Feb 27, 2015 11:00AM

**LATE**

**HB1509**

Submitted on: 2/26/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Denise Antolini	Individual	Support	No

Comments: Dear Chair Luke, Vice Chair Nishimoto, and Committee members: I write in strong SUPPORT of HB1509. This innovative bill provides an opportunity for UH to partner with the State to develop sustainable financing mechanisms to achieve significant reductions in expensive fossil fuel use on our campuses. The UH Manoa electrical bill alone is about \$34 million a year. High utility costs are a severe economic burden to the UH budget as a whole and especially to our students and their families who often go into debt to finance college or graduate education. Please keep HB1509 alive to allow for further discussion and refinement of this visionary initiative. Mahalo!

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finance1-Kim

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From: mailinglist@capitol.hawaii.gov  
Sent: Friday, February 27, 2015 12:35 AM  
To: FINTestimony  
Cc: kauai\_emi\_11@msn.com  
Subject: \*Submitted testimony for HB1509 on Feb 27, 2015 11:00AM\*

**LATE**

**HB1509**

Submitted on: 2/27/2015

Testimony for FIN on Feb 27, 2015 11:00AM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Emilie Bierly	University of Hawaii at Manoa	Support	No

**Comments:**

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Kelsey Barrow  
Student Sustainability Coalition of Hawaii  
1501 Thruston Av Honolulu 96822  
808 265 6630  
barrowk@hawaii.edu



2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**

Dear Honorable Committee Chair Representative Luke and Committee Members,

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3. In the larger context, HB 1509 allows for two key parts of our community, the University of Hawaii and the Hawaii State Legislature to trust each other – a key function of every successful community. HB 1509 allows for the accountability needed to build a foundation of trust between two institutions with rooted history.

As a student, I urge you to see HB 1509 as a opportunity to address one of the most important issues of our time. Thank you for your consideration of this opinion.

Sincerely,  
Kelsey Barrow

Jacob Taylor  
Student Sustainability Coalition of Hawaii  
1339 Kana Wai  
208 215 0345  
jacobt2@hawaii.edu

**LATE**

2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**

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Sincerely,  
Jacob Taylor

Jessica Sevilla  
Student Sustainability Coalition of Hawaii  
2528 Palolo Pl Honolulu HI 96822  
808 348 3360  
sevilla3@hawaii.edu

2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**

**LATE**

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Sincerely,  
Jessica Sevilla

MarkRyan  
Student Sustainability Coalition of Hawaii  
3227 Melemele Pl. Honolulu HI 96822  
831 247 7548  
mryan603@hawaii.edu

2/25/15

**Re: HB 1509; Relating to Energy**

**Position: SUPPORT**



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Sincerely,

\_\_\_\_\_  
Signature

Mark Ryan